

[Home](#) | [Products & Service](#) | [Information Desk](#) | [Site Map](#) | [Related Links](#) | [Contact Us](#)

Title: Method for transferring human solid tumor Endostatin gene bifidobacteria			
Application Number:	98111517	Application Date:	1998.09.30
Publication Number:	1216777	Publication Date:	1999.05.19
Approval Pub. Date:		Granted Pub. Date:	2001.05.16
International Classification:	C12N 1/21		
Applicant(s) Name:	Xu Genxing		
Address:	(210049)		
Inventor(s) Name:	Xu Genxing		
Attorney & Agent:	xu dongtao		
Abstract			
<p>It is characterized by using Endostatin gene of human solid tumor blood vessel, adopting the improved PEG method, calcium chloride method and other conventional gene transfer method and pBV220 carrier to transfer said Endostatin gene into bifidobacteria to obtain a trans-Endostatin gene bifidobacteria; then making successive transfer selective culture so as to obtain the transgenic bifidobacteria. After the transgenic bifidobacteria is taken in, it can be fixed on the intestinal mucous membrane to make propagation, or the recombinant Endostatin is extracted from said above-material and made into injection preparation. Both can be used for curing and resisting human solid tumor blood vessel formation.</p>			

[19] 中华人民共和国国家知识产权局

[51] Int. Cl⁷

C12N 1/21

A61K 38/17

[12] 发明专利说明书

[21] ZL 专利号 98111517.9

[45] 授权公告日 2001 年 5 月 16 日

[11] 授权公告号 CN 1065911C

[22] 申请日 1998.9.30 [24] 颁证日 2001.4.5

[21] 申请号 98111517.9

[73] 专利权人 徐根兴

地址 210049 江苏省南京市马群街 2 号 4901 信箱基础部

[72] 发明人 徐根兴 傅更锋 徐江英

樊燕蓉 刘新卷 汪振诚

审查员 44 14

[74] 专利代理机构 江苏省专利事务所

代理人 徐冬涛

权利要求书 1 页 说明书 4 页 附图页数 0 页

[54] 发明名称 转人实体瘤内皮抑制因子基因双歧杆菌的方法

[57] 摘要

本发明涉及一种人实体瘤血管的内皮抑制因子(Endostatin)基因通过改进的 PEG 法、氯化钙法基因转化方法将 pBV220 载体转入到双歧杆菌中得到一种转 Endostatin 基因双歧杆菌。再进行继代选择性培养,从而获得转基因双歧杆菌。通过口服这种经表达处理后的转 Endostatin 基因双歧杆菌而定植于肠粘膜繁殖,或从中提取重组 Endostatin 制备成针剂,两者均可用于抗人实体瘤血管生成疗法的治疗之中。

ISSN 1008-4274

知识产权出版社出版

Family list

2 family member for:

CN1216777

Derived from 1 application.

1 Method for transferring human solid tumor Endostatin gene bifidobacteria

Publication info: **CN1065911B B** - 2001-05-16

CN1216777 A - 1999-05-19

Data supplied from the *esp@cenet* database - Worldwide